

Claims

1. A communication terminal device comprising:
communication means for communicating with a provider of an application program via a communication network;
execution means for executing an application program, and for executing specified commands contained in said application program;
suspend means for suspending operation of said executed application program when said specified commands are executed by said execution means; and
upgrade means for upgrading said application program by communicating, by said communication means, with said provider of an application program whose operation is suspended by said suspend means.
2. A communication terminal device according to Claim 1,
wherein said upgrade means causes said execution means to execute an application program after completing upgrade of the application program.
3. A communication terminal device according to Claim 1,
wherein said communication terminal further comprises resume means for resuming operation of said application program, operation of which is suspended by said suspend means, and wherein said upgrade means determines whether upgrade of said application program, operation of which is suspended by said suspend means can be completed, and in a case that it is determined that upgrade of said application program can not be completed, operation of said application program is resumed by said resume means, and in a case that it is determined that upgrade of said application program can be completed, said application program is upgraded.
4. A communication terminal device according to Claim 3,
wherein said communication terminal further comprises detection means for detecting an event indicating that upgrade of said application program

should be stopped, said upgrade means stopping the upgrade of said application program if an event indicating that upgrade of said application program should be stopped is detected by said detection means program before completion of the upgrade of said application program, and operation of said application program is resumed by said resume means.

5. A program for causing a computer device to execute:
 - communicating with a provider of an application program via a communication network;
 - executing an application program containing specified commands;
 - suspending operation of said application program when said specified commands are executed; and
 - upgrade means for upgrading said application program by communicating with said provider of an application program whose operation is suspended.